

ATTACHMENT 1: Communication Technology, Inc. (CTI) ISPC Request

CTI is planning the installation and/or upgrade of direct international interconnections to foreign PTT's using ITU7/C7 type signaling. The equipment for these implementations has already been ordered. The installation phase will start within the next 30 days and continue over the next several months. Due to equipment configurations and network architectures, CTI will require multiple ISPC assignments to support the multiple interconnections at the CTI Miami hub location.

Quantity of ISPC requested = Four (4)

- CTI Miami GW #1
- CTI Miami GW #2
- CTI Miami GW #3
- CTI Miami GW #4

Reason/Justification for multiple ISPC: CTI's network architecture is comprised of discrete international gateway switches that directly interface with foreign PTT partners. Each gateway is limited to operating only one variant of ITU7 at a time and its E1/T1 capacity is limited by the chassis size and card density options deployed. These equipment limitations combine to drive the requirement for multiple physical gateway switches. While these gateways may be collocated at the same hub location for operation and management issues, they each function independently and maintain a unique identity and therefore must each have an ISPC assigned. See ATTACHMENT 2 for a diagram showing the network architecture. CTI is presently planning to deploy four (4) such discrete gateways at the CTI Miami hub in 2002, with equipment for three (3) already on order.